



CALIFORNIA DEPARTMENT OF WATER RESOURCES  
WATER USE AND EFFICIENCY BRANCH  
WATER RECYCLING AND DESALINATION SECTION

Notice of Public Meeting and Comment Period on  
Draft Funding Recommendation  
Water Desalination Grant Program  
Proposition 50 Grants – Round 3 - 2014  
July 1, 2014

In January 2014, the Department of Water Resources (DWR) received 12 proposals in response to the 2014 Water Desalination Proposal Solicitation Package (PSP). The proposals were in the following project categories: 3 construction, 2 pilot and demonstration, 1 feasibility study, 1 environmental documentation, and 5 research. DWR has \$8.705 million available for this solicitation. Approximately \$11.7 million in grant funding was requested for proposed projects having estimated total project costs of \$63.9 million.

The review of proposals was conducted in two steps. First, the proposals were reviewed for completeness and whether they met the minimum eligibility criteria. Three proposals were determined to be ineligible and were removed from further consideration. Second, a technical review was conducted on the remaining 9 proposals. Based on these reviews, DWR has ranked the proposals and proposes to allocate funds to 8 proposals, as shown in the attached table. The recommended funding allocations are consistent with the funding caps and allocations presented in the PSP:

Project Category	Grant Funding Cap Per Project	Total Planned Allocation
Implementation/construction	Up to \$3,000,000	\$5,600,000
Pilot or demonstration	Up to \$1,000,000	\$3,100,000
Feasibility studies	Up to \$250,000	
Environmental documentation	Up to \$250,000	
Research	Up to \$500,000	

DWR staff will present this draft funding recommendation at a public meeting and accept public comments:

- Date and Time: July 9, 2014, 2:00 to 4:00 PM
- Place: Bonderson Building  
2<sup>nd</sup> Floor, Room 201 (Large Conference Room)  
901 P Street  
Sacramento, CA 95814.
- Agenda: Present the draft funding recommendation, provide information of next steps, and accept public comments.
- Webex Link: <https://resources.webex.com/resources/j.php?ED=263250987&UID=492867147&RT=MiM0>
- Conference Line: 1 (877) 708-8168
- Passcode: 6280563

Grant applicants and the general public can also submit comments on this draft funding recommendation in writing. Comments must be received by 5:00 p.m. on July 16, 2014. Please submit written comments:

- By e-mail to: [DesalPSP@water.ca.gov](mailto:DesalPSP@water.ca.gov).
- Or by mail to:  
Richard Mills  
Water Use and Efficiency Branch  
Department of Water Resources  
P. O. Box 942836  
Sacramento, California 94236-0001

This information is also posted on DWR's website at:  
<http://www.water.ca.gov/desalination/2014DesalGrants.cfm>

For more information, please contact Richard Mills at (916) 651-0715 or by e-mail at [Richard.Mills@water.ca.gov](mailto:Richard.Mills@water.ca.gov).

California Department of Water Resources

Water Desalination Grant Program  
Proposition 50 Grants – Round 3, 2014  
Proposal Rank and Draft Grant Funding Recommendations  
July 1, 2014

Proposal Number	Rank	Applicant	Project Title	Total Project Cost	Requested Funding	Proposed Grant Award	Remarks
<b>Construction Projects</b>							
2014DSL40007	1	City of Torrance	Goldsworthy Desalter Expansion	\$21,142,051	\$3,000,000	\$3,000,000	1) An agreement between project partners to define project responsibilities is needed. 2) Potential impacts of this project on nearby groundwater cleanup activities need to be addressed.
2014DSL40006	2	San Diego County Water Authority	Carlsbad Desalination Project - System Integration Facilities	\$25,270,000	\$3,000,000	\$2,600,000	Project is partially funded based on available grant funds allocated to construction projects.
2014DSL40013	-	Cambria Community Services District	Cambria Emergency Water Supply	\$4,400,000	\$2,200,000	-	Determined ineligible because project would not result in a permanent facility.
<b>Subtotals of Recommended Construction Projects</b>				<b>\$46,412,051</b>	<b>\$6,000,000</b>	<b>\$5,600,000</b>	
<b>Pilot or Demonstration Projects</b>							
2014DSL40011	1	California American Water Company	Monterey Peninsula Water Supply Project: Slant Test Well	\$3,000,000	\$1,000,000	\$1,000,000	1) The applicant is to provide DWR with pilot study results in addition to documents summarizing the test well construction. 2) If the pilot well is to be retained as an operational production well, the applicant is to address in its siting and well head construction planning the potential effects of sea level rise on project facilities during their useful life.

Proposal Number	Rank	Applicant	Project Title	Total Project Cost	Requested Funding	Proposed Grant Award	Remarks
2014DSL40005	2	San Diego County Water Authority	Pilot Testing Program for the Proposed Camp Pendleton Seawater Desalination Facility	\$6,000,000	\$1,000,000	\$1,000,000	The locations of pilot study intakes (surface and subsurface) should be assessed regarding their comparability to full-scale project locations in terms of source water quality, constructability, maintainability, and impacts on marine life, and monitoring and data collection during the study should incorporate these factors.
<b>Feasibility Studies (Brackish Groundwater)</b>							
2014DSL40004	1	Olivenhain MWD	San Dieguito Valley Brackish Groundwater Desalination Study	\$531,899	\$250,000	\$250,000	The feasibility study should include analysis of alternative water supply sources or demand management measures, such as conservation and recycled water; discussion of other related grant-funded projects; cumulative impacts on groundwater in relation to other replenishment and uses of groundwater. The groundwater modelling techniques that will be used in the study need to be clarified.
<b>Environmental Documentation (Brackish or Sea Water)</b>							
2014DSL40003	1	West Basin Municipal Water District	Environmental Impact Report for the Full-Scale Ocean-Water Desalination Facility	\$1,518,612	\$250,000	-	Not selected for funding primarily due to insufficient documentation of water supply need, lack of feasibility study meeting PSP requirements, and insufficient readiness to proceed to EIR preparation. Foundational studies needed to assess environmental impact are not complete.

Proposal Number	Rank	Applicant	Project Title	Total Project Cost	Requested Funding	Proposed Grant Award	Remarks
<b>Research</b>							
2014DSL40010	1	Bureau of Reclamation	Desalination Concentrate Management through Saline Treatment Wetlands	\$420,000	\$210,000	\$210,000	Prior to funding agreement execution, an assessment is required to determine that the source of brine for the study is appropriate to yield valid results applicable to brine from drinking water treatment.
2014DSL40012	2	Humboldt State University Sponsored Programs Foundation	RO-PRO for Low Energy Desalination	\$661,382	\$320,872	\$320,872	The proposed site of the research field test needs to be evaluated regarding potential water contamination that may be occurring at the site.
2014DSL40008	2	University of California at Merced	An Integrated Thermal Desalination System with Zero-Liquid Discharge for RO Brine Treatment	\$1,004,785	\$499,989	\$324,128	1) Workplan should address how potential fouling and scaling will be addressed and water quality sampling will be conducted. 2) Funding is reduced by \$175,861 based on budget concerns and available grant funds allocated to nonconstruction projects.
2014DSL40009	-	WaterReuse Research Foundation	Guidelines for Desalination Permitting in California	\$700,000	\$350,000	-	Project did not meet the eligibility requirement that results serve a need of regulatory agencies.
2014DSL40002	-	West Basin Municipal Water District	Wedge Wire Screen Efficiency Study	\$4,400,000	\$330,000	-	Project did not meet the eligibility requirement that results serve a need of regulatory agencies that is not project-specific.
<b>Subtotals for Recommended Nonconstruction Projects</b>				<b>\$11,618,066</b>	<b>\$3,280,861</b>	<b>\$3,105,000</b>	
<b>Grand Totals for 8 Recommended Projects</b>				<b>\$58,030,117</b>	<b>\$9,280,861</b>	<b>\$8,705,000</b>	